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Reviewer: markspencer

Timestamp: [year=2009; month=4; day=28; hr=16; min=4; sec=10; ms=231;]

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Application No: 09631613 Version No: 5.0

Input Set:

Output Set:

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Finished: 2009-04-17 15:25:12.475
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 875 ms
Total Warnings: 62
Total Errors: 0
No. of SeqIDs Defined: 89
Actual SeqID Count: 89

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Input Set:

Output Set:

Started: 2009-04-17 15:25:09.600
Finished: 2009-04-17 15:25:12.475
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 875 ms
Total Warnings: 62
Total Errors: 0
No. of SeqIDs Defined: 89
Actual SeqID Count: 89

Error code	Error Description
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SEQUENCE LISTING

<110> Hogrefe, Holly
Hansen, Connie J

<120> Polymerase Enhancing Factor (PEF) Extracts, PEF Protein
Complexes, Isolated PEF Proteins, and Methods for Purifying and
Identifying Them

<130> 10070431-07-US

<140> 09631613

<141> 2000-08-04

<150> US 08/957,709

<151> 1997-10-24

<150> US 08/822,774

<151> 1997-03-21

<160> 89

<170> PatentIn version 3.4

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Xaa Xaa Xaa
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Ile Glu

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attaggcatg gggccgaagt tcatgcagtg atgagtgagg cagccacca gataattcat      180

ccttatgcat ggaatttgcc cacgggaaat ccagtcataa ctgagatcac tggatttatc      240

gagcatgttg agttagcagg ggaacatgag aataaagcag atttaatttt ggtttgcct      300

gccactgcca acacaattag taagattgca tgtggaatag atgatactcc agtaactaca      360

gtcgtgacca cagcatttcc ccacattcca attatgatag cccagcaat gcatgagaca      420

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tttataggac caagaattga ggagggaaaag gcaaaagttg caagcattga tgaaatagtt      540

tacagagtta ttaaaaacgt ccacaaaaaa acattggaag ggaagagagt cctagtaacg      600

gcgggagcaa caagagagta catagatcca ataagattca taacaaatgc cagcagtgga      660

aaaatgggag tagcgttggc tgaagaagca gattttagag gagctgttac cctcataaga      720

acaaagggaa gtgtaaaggc ttttagaatc agaaaaatca aattgaaggt tgagacagtg      780

gaagaaatgc tttcagcgat tgaaaatgag ttgaggagta aaaagtatga cgtagttatt      840

atggcagctg ctgtaagcga ttttaggcca aaaattaaag cagagggaaa aattaaaagc      900

ggaagatcaa taacgataga gctcgttcn nnaatcca aaatcattga tagaataaag      960

gaaattcaac caaatgtctt tcttgttgga tttaaagcag aaacttcaa agaaaagctt     1020

atagaagaag gtaaaaggca gattgagagg gccaaaggctg acttagtcgt tggtaacaca     1080

ttggaagcct ttggaagcga ggaaaaccaa gtagtattaa ttggcagaga tttcacaaaa     1140

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35 40 45

Ala Val Met Ser Glu Ala Ala Thr Lys Ile Ile His Pro Tyr Ala Trp
50 55 60

Asn Leu Pro Thr Gly Asn Pro Val Ile Thr Glu Ile Thr Gly Phe Ile
65 70 75 80

Glu His Val Glu Leu Ala Gly Glu His Glu Asn Lys Ala Asp Leu Ile
85 90 95

Leu Val Cys Pro Ala Thr Ala Asn Thr Ile Ser Lys Ile Ala Cys Gly
100 105 110

Ile Asp Asp Thr Pro Val Thr Thr Val Val Thr Thr Ala Phe Pro His
115 120 125

Ile Pro Ile Met Ile Ala Pro Ala Met His Glu Thr Met Tyr Arg His
130 135 140

Pro Ile Val Arg Glu Asn Ile Glu Arg Leu Lys Lys Leu Gly Val Glu
145 150 155 160

Phe Ile Gly Pro Arg Ile Glu Glu Gly Arg Ala Lys Val Ala Ser Ile

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Glu Gly Lys Arg Val Leu Val Thr Ala Gly Ala Thr Arg Glu Tyr Ile		
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Asp Pro Ile Arg Phe Ile Thr Asn Ala Ser Ser Gly Lys Met Gly Val		
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225	230	235 240
Thr Lys Gly Ser Val Lys Ala Phe Arg Ile Arg Lys Ile Lys Leu Lys		
245	250	255
Val Glu Thr Val Glu Glu Met Leu Ser Ala Ile Glu Asn Glu Leu Arg		
260	265	270
Ser Lys Lys Tyr Asp Val Val Ile Met Ala Ala Ala Val Ser Asp Phe		
275	280	285
Arg Pro Lys Ile Lys Ala Glu Gly Lys Ile Lys Ser Gly Arg Ser Ile		
290	295	300
Thr Ile Glu Leu Val Pro Xaa Asn Pro Lys Ile Ile Asp Arg Ile Lys		
305	310	315 320
Glu Ile Gln Pro Asn Val Phe Leu Val Gly Phe Lys Ala Glu Thr Ser		
325	330	335
Lys Glu Lys Leu Ile Glu Glu Gly Lys Arg Gln Ile Glu Arg Ala Lys		
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Ala Asp Leu Val Val Gly Asn Thr Leu Glu Ala Phe Gly Ser Glu Glu		
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Asn Gln Val Val Leu Ile Gly Arg Asp Phe Thr Lys Glu Leu Pro Lys		
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